

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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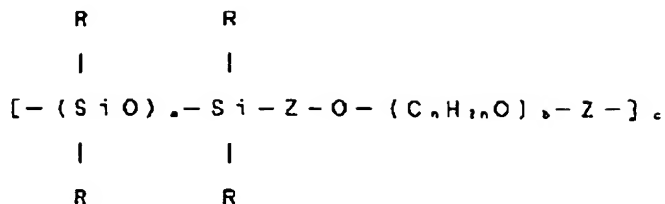
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APPLICANT : TOAGOSEI CO LTD;

INVENTOR : INUKAI HIROSHI;

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TITLE : AQUEOUS FLUORINE-CONTAINING  
RESIN COATING COMPOSITION



ABSTRACT : PROBLEM TO BE SOLVED: To provide a composition for an aqueous fluorine-containing resin coating, which has a high water resistance, weather resistance and stain resistance.

SOLUTION: In an aqueous dispersion of a fluorine-containing resin obtained through emulsion polymerization of a monomer mixture containing a fluoroolefin monomer as the main component, from 1 to 20 pts.wt. (based on 100 pts.wt. of the above fluorine-containing resin) block polymer which has a polyoxyalkylene segment and a polyorganosiloxane segment of the formula (R is monovalent hydrocarbon group which does not contain any aliphatic unsaturated bond; Z is a divalent organic group; a is an integer of  $\geq 4$ ; b is an integer of  $\geq 4$ ; c is an integer of  $\geq 2$ ; and n is 2, 3 or 4) and wherein the polyorganosiloxane segment accounts for from 35 to 85 wt.% of the total weight, is dispersed.

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